

CLAIMS

Listing of Claims:

1. (Previously Presented) A portable terminal unit comprising:

a first housing having a main operation section and an auxiliary operation section;

a second housing having a single, main display section and having a single display face for displaying screens responsive to the operation of one of said main operation section and said auxiliary operation section;

a coupling section for coupling both of said housings to move said portable terminal unit between an opened state and a closed state so that said main operation section is covered with said second housing in the closed state and is exposed outside in the opened state, and said single display face is exposed outside in both of the closed state and the opened state,

said auxiliary operation section disposed on a side of said portable terminal unit relative to said main display section and comprising at least one key provided on a surface other than surfaces, which are opposed to each other of said both housings in the closed state including other than said main display section,

a detecting section for detecting movement of said coupling section to determine whether said portable terminal unit is in the opened state or in the closed state;

wherein, in the opened state and in a transition state between the opened state and the closed state, said auxiliary operation section is inoperative and said main operation

section is used to operate said main display section and wherein said auxiliary operation section is operative only in the closed state to at least one of navigate and view information displayed on the main display section in the closed state.

2. (Original) The portable terminal unit according to claim 1, comprising:
a state detecting section for detecting the opened/closed state of said first housing and said second housing; and

a lock control section for rendering said auxiliary operation section operative or inoperative based on a detection result from the state detecting section.

3. (Original) The portable terminal unit according to claim 2, wherein said auxiliary operation section is operative by said lock control section when said state detecting section detects that both of said housings are in the closed state, and

said auxiliary operation section is inoperative by said lock control section when said detecting section detects that both of said housings are in other states than the closed state.

4. (Original) The portable terminal unit according to claim 2, wherein said auxiliary operation section is inoperative by said lock control section when said state detecting section detects that both of said housings are in the opened state, and

said auxiliary operation section is operative by said lock control section when said state detecting section detects that both of said housings are in other states than the opened state.

5. (Original) The portable terminal unit according to claim 1, wherein said portable terminal unit is a mobile radiotelephone.

6. (Original) The portable terminal unit according to claim 1, wherein said portable terminal unit is a personal digital assistant.

7. (Previously Presented) A portable terminal unit comprising:

a first housing having a main operation section;

a second housing superimposed on said first housing so as to cover said main operation section in a closed state and wherein both of said housings relatively rotate 180° from the closed state;

an auxiliary operation section;

a single, main display section having a single display face for displaying screens responsive to the operation of one of said main operation section and said auxiliary operation section, and provided on said second housing;

a coupling section for coupling to rotate both of said housings that relatively rotate around an axis extending in a superimposed direction of said two housings;

said auxiliary operation section disposed on a side of said portable terminal unit relative to said main display section and comprising at least one key provided on a

surface other than surfaces, which are opposed to each other of said both housings in the closed state including other than said main display section,

a detecting section for detecting movement of said coupling section to determine whether said portable terminal unit is in an opened state or in the closed state;

wherein said at least one key is inoperative in the opened state and in a transition state between the opened state and the closed state and said main operation section is used to operate said main display section, and wherein said at least one key is operative to operate said main display section only in the closed state.

8. (Original) The portable terminal unit according to claim 7, comprising:

a state detecting section for detecting the opened/closed state of said first housing and said second housing; and

a lock control section for rendering said at least one key operative or inoperative based on a detection result from the state detecting section.

9. (Original) The portable terminal unit according to claim 8,

wherein said key or said at least one key is operative by said lock control section when said state detecting section detects that both of said housings are in the closed state, and

said key or said at least one key is inoperative by said lock control section when said detecting section detects that both of said housings are in other states than the closed state.

10. (Original) The portable terminal unit according to claim 8,

wherein said at least one key is inoperative by said lock control section when said state detecting section detects that both of said housings are in the opened state, and

said at least one key is operative by said lock control section when said state detecting section detects that both of said housings are in other states than the opened state.

11. (Original) The portable terminal unit according to claim 7,

wherein the second housing has a display section on its surface faced in same direction as a direction of a surface having said main operation section.

12. (Original) The portable terminal unit according to claim 7,

wherein said auxiliary operation section has a first key provided on a side surface of said first housing and a second key provided on a side surface of said second housing.

13. (Original) The portable terminal unit according to claim 7, wherein

said portable terminal unit is a mobile radiotelephone.

14. (Original) The portable terminal unit according to claim 7, wherein

said portable terminal unit is a personal digital assistant.

15. (Previously Presented) A portable terminal comprising:

a first housing having a main display section and having a single display face;

a second housing coupled to the first housing and having main keys for the main display section; and

an auxiliary section for the main display section disposed on a side of said portable terminal unit relative to said main display section;

a coupling section for coupling both of said housings wherein the first housing is movable relative to the second housing between a closed position, in which the main keys are covered by the first housing, and an opened position, in which the main keys are exposed to an outside;

a detecting section for detecting movement of said coupling section to determine whether said portable terminal is in the opened state or in the closed state;

wherein in the opened the main display section and the auxiliary section for the main display section are both exposed to the outside, and in the closed position the main display section and the auxiliary section for the main display section are both exposed to the outside; and

wherein as the first housing is moved from the closed position to the opened position, the main display section is kept active while the auxiliary section for the main display section is switched from the active to inactive position and wherein the auxiliary section remains inactive while in the closed position.

16. (Previously Presented) The portable terminal according to claim 15, wherein the main display section is a single display unit.

17. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section is disposed on a side surface of the portable terminal in a longitudinal direction of the first housing.

18. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section is disposed on an end portion of the side surface of the portable terminal in the longitudinal direction.

19. (Previously Presented) The portable terminal unit according to claim 18, wherein the auxiliary operation section is disposed in a vicinity of a connecting unit for connecting the first housing and the second housing.

20. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section includes a first auxiliary operation section and a second auxiliary operation section, the first auxiliary operation section provided on a side surface of the first housing and the second auxiliary operation section provided on a side surface of the second housing.

21. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section includes at least a lever switch that is movable in a first direction and a second direction that is opposite said first direction and that is further configured to be pushed by a user.

22. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section includes a first auxiliary operation section and a second auxiliary operation section, the first auxiliary operation section disposed on a side surface of the portable terminal unit, the second auxiliary operation section disposed on a side surface opposite the side surface of the portable terminal unit.

23. (Previously Presented) The portable terminal unit according to claim 1, wherein the auxiliary operation section is disposed on a side surface of the second housing that has the main display section, the auxiliary operation section being disposed on a portion of the side surface other than a portion of the side surface that is close to the main display section.

24. (Previously Presented) A portable terminal unit according to claim 1 further comprising:

a state detecting section for detecting the opened/closed state of said first housing and said second housing; and

a lock control section for rendering a part or all of said auxiliary operation section operative or inoperative based on a detection result from the state detecting section.

25. (Previously Presented) A portable terminal unit comprising:

a first housing having at least a main operation section;

a second housing having a display section and having a single display face;

a coupling section wherein both of said housings are openably and closably coupled together so that said main operation section is covered with said second housing in a closed state and is exposed outside in an opened state, and said single display face is exposed outside in both of the closed state and the opened state,

an auxiliary operation section disposed on a side of said portable terminal unit relative to said display section and comprising a key or a plurality of keys provided on other surface than surfaces, which are opposed each other, of said both housings in the closed state, including other than said display section,

a detecting section for detecting movement of said coupling section to determine whether said portable terminal unit is in the opened state or in the closed state;

wherein all of said auxiliary operation section is inoperative at least in the opened state position and in a transition state between the opened state and the closed state.